# 1-Methyl-2-propylbenzene

1074-17-5 | DTXSID4061466

## Model Performance

| Model | Data |
|---|---|

### Weighted KNN model

| 5-fold CV (75%) | | Training (75%) | | Test (25%) | |
|---|---|---|---|---|---|
| Q2 | RMSE | R2 | RMSE | R2 | RMSE |
| 0.72 | 51.8 | 0.74 | 50.3 | 0.73 | 52.7 |

## Model Results

**Predicted value:** -56.4 °C

**Global applicability domain:** Inside

**Local applicability domain index:** 1.00

**Confidence level:** 7.16e-01

## Nearest Neighbors from the Training Set

Image not found
1,4-Diethylbenzene
**Measured:** -42.8
**Predicted:** -56.4

Image not found
1-Methyl-2-propylbenzene
**Measured:** -60.3
**Predicted:** -56.4

Image not found
p-Propyltoluene
**Measured:** -63.6
**Predicted:** -56.4

Image not found
o-Diethylbenzene
**Measured:** -31.2
**Predicted:** -56.4

Image not found
1,3-Diethylbenzene
**Measured:** -83.9
**Predicted:** -56.4